## Praeger

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[54]	METHOD AND ARTIFICIAL
	INTRAOCULAR LENS DEVICE FOR THE
	PHAKIC TREATMENT OF MYOPIA

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# Related U.S. Application Data

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Ī52Ī	U.S. Cl	. <b>623/6</b> ; 128/303 R
[58]	Field of Search	. 623/6; 128/303 R

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#### ABSTRACT [57]

The placing of an artificial intraocular lens device (IOL) in the anterior chamber of the eye (in front of the iris) for treating myopia. The intraocular lens device includes a meniscus style lens which has a plano anterior surface and a concave posterior surface. The edges of the lens are rounded off and the peripheral portion of the lens is considerably thicker than the central portion of the lens. The lens is a minus (negative) refracting lens. The lens is suspended in the anterior chamber by three or four carrying angles or haptics having solid footplates at their ends for anchoring the device in the anatomic angle of the eye. The solid footplates are sized to prevent tissue overgrowth and resulting synechia after placement, additionally facilitating subsequent removal of the lens device from the anterior chamber if necessary. A ridges lens glide is also provided to facilitate insertion of the lens device into the anterior chamber during implantation. This lens device is utilized in the phakic state (the state of the natural lens being retained). With the patient's natural crystalline lens being retained, the natural crystalline lens is located in the posterior chamber behind the iris and the artificial intraocular lens of negative power is located in the anterior chamber in front of the iris. The presence of the phakic state allows for accommodation to occur. The intended age range for applicability of the device is approximately from age 20-50.

